

IMMUNOCHROMATOGRAPHIC ASSAY METHOD AND APARATUS

ABSTRACT OF THE DISCLOSURE

An immunochromatographic assay employing superparamagnetic particles to lable the target
5 analytes. An opaque cover prevents misinterpretive readings in field situations and provides a
protective surface on the porous membrane. Additional features include separability of the test strip
from any backing or housing which is configured to support the strip, and that quantitative
measurements of the target analytes are easily and accurately made by means of an electromagnetic
reader device.